

## EAST Search History

| Ref # | Hits | Search Query                                                                                                                                                                                                                                                                                                                                                             | DBs                                                                     | Default Operator | Plurals | Time Stamp          |
|-------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------|---------|---------------------|
| L1    | 8745 | ((713/153,160,198) or (726/2,26,27,28,29) or (380/277,278,279,282,44,45)).CQLS                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT                                                      | OR               | OFF     | 2008/08/15<br>11:10 |
| L2    | 37   | L1 and time adj based near2 key                                                                                                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT                                                      | OR               | ON      | 2008/08/15<br>11:10 |
| L3    | 1    | ("6892306").PN.                                                                                                                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT                                                      | OR               | OFF     | 2008/08/15<br>11:13 |
| L4    | 37   | hybrid adj encryption                                                                                                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT                                                      | OR               | ON      | 2008/08/15<br>11:24 |
| S1    | 17   | ((NI CHOLAS) near2 (RYAN)).INV.                                                                                                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT                                                      | OR               | ON      | 2008/04/03<br>11:48 |
| S2    | 29   | ((NI CHOLAS) near2 (RYAN)).INV.                                                                                                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT;<br>USOCR; FRPS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/04/03<br>11:48 |
| S3    | 4    | ((("6603857" or ("20040064710" or ("6851050" or ("2002009947" or ("20020172367"))).PN.                                                                                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT                                                      | OR               | OFF     | 2008/04/03<br>11:51 |
| S4    | 5    | ((("6603857" or ("20040064710" or ("6851050" or ("2002009947" or ("20020172367"))).PN.                                                                                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT                                                      | OR               | OFF     | 2008/04/03<br>11:52 |
| S5    | 5    | ((("6603857" or ("20040064710" or ("6851050" or ("2002009947" or ("20020172367"))).PN.                                                                                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT                                                      | OR               | OFF     | 2008/04/03<br>11:53 |
| S6    | 32   | ("4145569"   "4800590"   "4809327"   "4811393"   "4819267"   "4881264"   "4944008"   "5146498"   "5216715"   "5325433"   "5341426"   "5412722"   "5457746"   "5481613"   "5581614"   "5600720"   "5604807"   "5625694"   "5720034"   "5774550"   "5784460"   "5793973"   "5802175"   "5805705"   "5805712"   "5811770"   "5825876"   "6157723").PN. OR ("6603857").URPN. | US-PGPUB;<br>USPAT; USOCR                                               | OR               | ON      | 2008/04/03<br>11:55 |
| S7    | 2467 | ((713/189) or (380/44)).CQLS                                                                                                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT                                                      | OR               | OFF     | 2008/04/03<br>11:57 |
| S8    | 7921 | ((713/153,160,198) or (726/2,26,27,28,29) or (380/277,278,279,282,44,45)).CQLS                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT                                                      | OR               | OFF     | 2008/04/03<br>12:03 |
| S9    | 273  | S8 and time adj based                                                                                                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT                                                      | OR               | ON      | 2008/04/03<br>12:03 |
| S10   | 2028 | S8 and future                                                                                                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT                                                      | OR               | ON      | 2008/04/03<br>12:03 |
| S11   | 131  | S9 and future                                                                                                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT                                                      | OR               | ON      | 2008/04/03<br>12:03 |
| S12   | 34   | S8 and time adj based near2 key                                                                                                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT                                                      | OR               | ON      | 2008/04/03<br>12:04 |
| S13   | 1    | ("5825876").PN.                                                                                                                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT                                                      | OR               | OFF     | 2008/04/03<br>12:05 |

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|-----|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----|----|---------------------|
| S14 | 20 | US-4203166-\$.DID. OR US-4734568-\$.DID. OR US-4757533-\$.DID. OR US-4796220-\$.DID. OR US-4799258-\$.DID. OR US-4827508-\$.DID. OR US-4972472-\$.DID. OR US-5032979-\$.DID. OR US-5052040-\$.DID. OR US-5058164-\$.DID. OR US-5144660-\$.DID. OR US-5204897-\$.DID. OR US-5220657-\$.DID. OR US-5247575-\$.DID. OR US-5276735-\$.DID. OR US-5301247-\$.DID. OR US-5319705-\$.DID. OR US-5369702-\$.DID. OR US-5375169-\$.DID. OR US-4888800-\$.DID. | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>12:08 |
| S15 | 20 | US-5404404-\$.DID. OR US-5406628-\$.DID. OR US-5414852-\$.DID. OR US-5495533-\$.DID. OR US-5499297-\$.DID. OR US-5502766-\$.DID. OR US-5557765-\$.DID. OR US-5570108-\$.DID. OR US-5584023-\$.DID. OR US-5600722-\$.DID. OR US-5606663-\$.DID. OR US-5671412-\$.DID. OR US-5677953-\$.DID. OR US-5680452-\$.DID. OR US-5684987-\$.DID. OR US-5689718-\$.DID. OR US-5699428-\$.DID. OR US-5708709-\$.DID. OR US-5715403-\$.DID. OR US-5717755-\$.DID. | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>12:09 |
| S16 | 20 | US-5720033-\$.DID. OR US-5729734-\$.DID. OR US-5745573-\$.DID. OR US-5748736-\$.DID. OR US-5751287-\$.DID. OR US-5757920-\$.DID. OR US-5765152-\$.DID. OR US-5778065-\$.DID. OR US-5787169-\$.DID. OR US-5787173-\$.DID. OR US-5787175-\$.DID. OR US-5790789-\$.DID. OR US-5821933-\$.DID. OR US-5835592-\$.DID. OR US-5835601-\$.DID. OR US-5857189-\$.DID. OR US-5862325-\$.DID. OR US-5870468-\$.DID. OR US-5870477-\$.DID. OR US-5881287-\$.DID. | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>12:09 |
| S17 | 19 | US-5892900-\$.DID. OR US-5893084-\$.DID. OR US-5898781-\$.DID. OR US-5922073-\$.DID. OR US-5933498-\$.DID. OR US-5944794-\$.DID. OR US-5953419-\$.DID. OR US-5968177-\$.DID. OR US-5987440-\$.DID. OR US-5991879-\$.DID. OR US-6023506-\$.DID. OR US-6032216-\$.DID. OR US-6038322-\$.DID. OR US-6044155-\$.DID. OR US-6055314-\$.DID. OR US-6058424-\$.DID. OR US-6061790-\$.DID. OR US-6088717-\$.DID. OR US-6088805-\$.DID.                       | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>12:10 |
| S18 | 20 | US-6098056-\$.DID. OR US-6105131-\$.DID. OR US-6134327-\$.DID. OR US-6134658-\$.DID. OR US-6141754-\$.DID. OR US-6145084-\$.DID. OR US-6158010-\$.DID. OR US-6161139-\$.DID. OR US-6182142-\$.DID. OR US-6185684-\$.DID. OR US-6205549-\$.DID. OR US-6226618-\$.DID. OR US-6226745-\$.DID. OR US-6240188-\$.DID. OR US-6249873-\$.DID. OR US-6253193-\$.DID. OR US-6260141-\$.DID. OR US-6263348-\$.DID. OR US-6272631-\$.DID. OR US-6272632-\$.DID. | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>12:15 |

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|-----|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----|----|---------------------|
| S19 | 20 | US-6282649-\$.DID. OR US-6289450-\$.DID. OR US-6292899-\$.DID. OR US-6295361-\$.DID. OR US-6301614-\$.DID. OR US-6308256-\$.DID. OR US-6314409-\$.DID. OR US-6317777-\$.DID. OR US-6336114-\$.DID. OR US-6339423-\$.DID. OR US-6339825-\$.DID. OR US-6341164-\$.DID. OR US-6347374-\$.DID. OR US-6351813-\$.DID. OR US-6356903-\$.DID. OR US-6356941-\$.DID. OR US-6363480-\$.DID. OR US-6370249-\$.DID. OR US-6381698-\$.DID. OR US-6389433-\$.DID. | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>12:15 |
| S20 | 20 | US-6389538-\$.DID. OR US-6405315-\$.DID. OR US-6421714-\$.DID. OR US-6442688-\$.DID. OR US-6442695-\$.DID. OR US-6449721-\$.DID. OR US-6453353-\$.DID. OR US-6466932-\$.DID. OR US-6477544-\$.DID. OR US-6490680-\$.DID. OR US-6505300-\$.DID. OR US-6510349-\$.DID. OR US-6530020-\$.DID. OR US-6530024-\$.DID. OR US-6542608-\$.DID. OR US-6549623-\$.DID. OR US-6550011-\$.DID. OR US-6567914-\$.DID. OR US-6571291-\$.DID. OR US-6588673-\$.DID. | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>12:16 |
| S21 | 20 | US-6594662-\$.DID. OR US-6598161-\$.DID. OR US-6608636-\$.DID. OR US-6615349-\$.DID. OR US-6615350-\$.DID. OR US-6625650-\$.DID. OR US-6629243-\$.DID. OR US-6633311-\$.DID. OR US-6640307-\$.DID. OR US-6646515-\$.DID. OR US-6647388-\$.DID. OR US-6718361-\$.DID. OR US-6735701-\$.DID. OR US-6738908-\$.DID. OR US-6775779-\$.DID. OR US-6782403-\$.DID. OR US-6801999-\$.DID. OR US-6807636-\$.DID. OR US-6810479-\$.DID. OR US-6816871-\$.DID. | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>12:16 |
| S22 | 20 | US-6834333-\$.DID. OR US-6834341-\$.DID. OR US-6845452-\$.DID. OR US-6874139-\$.DID. OR US-6889210-\$.DID. OR US-6891953-\$.DID. OR US-6892201-\$.DID. OR US-6909708-\$.DID. OR US-6915434-\$.DID. OR US-6920558-\$.DID. OR US-6931450-\$.DID. OR US-6931530-\$.DID. OR US-6931597-\$.DID. OR US-6938042-\$.DID. OR US-6941355-\$.DID. OR US-6941456-\$.DID. OR US-6941472-\$.DID. OR US-6947556-\$.DID. OR US-6950818-\$.DID. OR US-6950936-\$.DID. | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>12:16 |
| S23 | 20 | US-6952780-\$.DID. OR US-6957261-\$.DID. OR US-6959308-\$.DID. OR US-6961849-\$.DID. OR US-6978376-\$.DID. OR US-6993135-\$.DID. OR US-6996718-\$.DID. OR US-7003117-\$.DID. OR US-7003560-\$.DID. OR US-7013332-\$.DID. OR US-7013485-\$.DID. OR US-7020645-\$.DID. OR US-7024427-\$.DID. OR US-7035854-\$.DID. OR US-7051213-\$.DID. OR US-7058978-\$.DID. OR US-7073063-\$.DID. OR US-7073073-\$.DID. OR US-7076067-\$.DID. OR US-7076312-\$.DID. | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>12:17 |

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| S24 | 20 | US-7076469-\$.DID. OR US-7076633-\$.DID. OR US-7080077-\$.DID. OR US-7095853-\$.DID. OR US-7099926-\$.DID. OR US-7107269-\$.DID. OR US-7120635-\$.DID. OR US-7120757-\$.DID. OR US-7124164-\$.DID. OR US-7130964-\$.DID. OR US-7131071-\$.DID. OR US-7136903-\$.DID. OR US-7145898-\$.DID. OR US-7159036-\$.DID. OR US-7171557-\$.DID. OR US-7174563-\$.DID. OR US-7178033-\$.DID. OR US-7187033-\$.DID. OR US-7185364-\$.DID. OR US-7188181-\$.DID.                                                                                 | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>12:24 |
| S25 | 20 | US-7200747-\$.DID. OR US-7203317-\$.DID. OR US-7224795-\$.DID. OR US-7249044-\$.DID. OR US-7260555-\$.DID. OR US-7265764-\$.DID. OR US-7266884-\$.DID. OR US-7280658-\$.DID. OR US-7287055-\$.DID. OR US-20010021926-\$.DID. OR US-20010032181-\$.DID. OR US-20010034839-\$.DID. OR US-20010044903-\$.DID. OR US-20010056550-\$.DID. OR US-20020010679-\$.DID. OR US-20020016922-\$.DID. OR US-20020031230-\$.DID. OR US-20020035624-\$.DID. OR US-20020046350-\$.DID. OR US-20020056042-\$.DID.                                     | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>12:25 |
| S26 | 20 | US-20020062245-\$.DID. OR US-20020069077-\$.DID. OR US-20020069272-\$.DID. OR US-20020069363-\$.DID. OR US-20020073320-\$.DID. OR US-20020077988-\$.DID. OR US-20020087479-\$.DID. OR US-20020124180-\$.DID. OR US-20020129235-\$.DID. OR US-20020133699-\$.DID. OR US-20020138762-\$.DID. OR US-20020143710-\$.DID. OR US-20020156726-\$.DID. OR US-20020169963-\$.DID. OR US-20020169965-\$.DID. OR US-20020174109-\$.DID. OR US-20020178271-\$.DID. OR US-20020198798-\$.DID. OR US-20030009685-\$.DID. OR US-20030014391-\$.DID. | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>12:53 |
| S27 | 20 | US-20030200202-\$.DID. OR US-20030217264-\$.DID. OR US-20030217281-\$.DID. OR US-20030023559-\$.DID. OR US-20030033528-\$.DID. OR US-20030037133-\$.DID. OR US-20030037237-\$.DID. OR US-20030037253-\$.DID. OR US-20030051039-\$.DID. OR US-20030074580-\$.DID. OR US-20030078959-\$.DID. OR US-20030079175-\$.DID. OR US-20030088517-\$.DID. OR US-20030088783-\$.DID. OR US-20030110169-\$.DID. OR US-20030110397-\$.DID. OR US-20030115146-\$.DID. OR US-20030120601-\$.DID. OR US-20030120684-\$.DID. OR US-20030154381-\$.DID. | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>12:53 |

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| S28 | 20   | US-20030177070-\$.DID. OR US-20030177378-\$.DID. OR US-20030182579-\$.DID. OR US-20030217333-\$.DID. OR US-20040025037-\$.DID. OR US-20040068664-\$.DID. OR US-20040073718-\$.DID. OR US-20040098580-\$.DID. OR US-20040103202-\$.DID. OR US-20040103280-\$.DID. OR US-20050138383-\$.DID. OR US-20040193602-\$.DID. OR US-20040193912-\$.DID. OR US-20040215956-\$.DID. OR US-20040215962-\$.DID. OR US-20040243853-\$.DID. OR US-20050021467-\$.DID. OR US-20050028006-\$.DID. OR US-20050039034-\$.DID. OR US-20050071275-\$.DID. | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>12:53 |
| S29 | 18   | US-20050071657-\$.DID. OR US-20050071658-\$.DID. OR US-20050081029-\$.DID. OR US-20050086531-\$.DID. OR US-20050091484-\$.DID. OR US-20050120199-\$.DID. OR US-20050138371-\$.DID. OR US-20050177716-\$.DID. OR US-20050198326-\$.DID. OR US-20050223242-\$.DID. OR US-20050223414-\$.DID. OR US-20050273600-\$.DID. OR US-20050288961-\$.DID. OR US-20060005021-\$.DID. OR US-20060075465-\$.DID. OR US-20060093150-\$.DID. OR US-20060230437-\$.DID. OR US-20070006214-\$.DID.                                                     | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>12:54 |
| S30 | 317  | S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S29                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>13:24 |
| S31 | 6    | S30 and time adj based near3 key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>13:25 |
| S32 | 463  | (data document file content) adj key with header                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>13:26 |
| S33 | 106  | S32 and S8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>13:27 |
| S34 | 1965 | key with available with generat\$4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>13:29 |
| S35 | 268  | S34 and S8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>13:29 |
| S36 | 175  | key with available with generat\$4 near2 key and S8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>13:29 |
| S37 | 21   | (content data document file) adj key near2 available and generat\$4 near2 (content data document file) adj key                                                                                                                                                                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>13:39 |
| S38 | 6    | (content data document file) adj key with already adj2 exist                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT | OR | ON | 2008/04/03<br>13:40 |

8/15/2008 11:25:12 AM

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